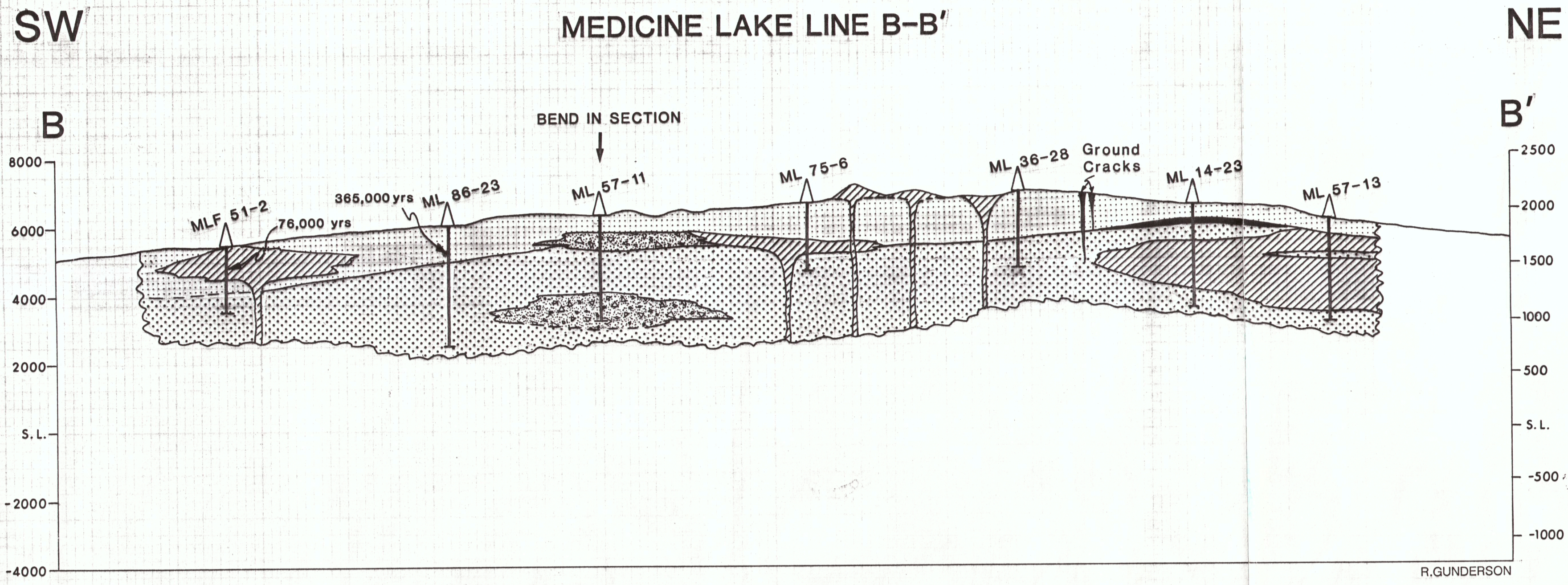
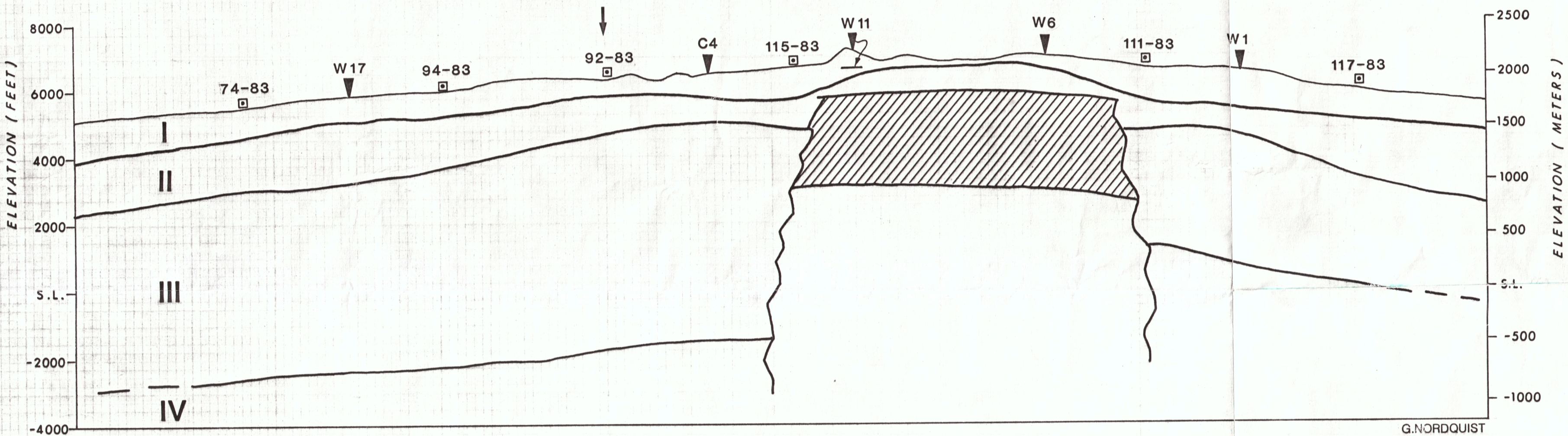


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY APP'D



GENERALIZED GEOLOGY

- Unaltered Basalts, Andesites Generally < 200,000 yrs old
- Unaltered to Moderately Altered Basalts, Andesites Generally > 200,000 yrs
- Strongly Altered (?) Tertiary Volcanic Flows and Breccias
- Rhyolites, Dacites
- Intermediate to Silicic Intrusive Rocks
- Volcanic-Derived Sedimentary Rocks, Lahars, Debris Flows
- Andesite Tuff
- Geologic Contact, Dashed Where Approximate
- Depth to Rock with $\delta^{18}O \le + 5.0$
- 211,000 yrs K-Ar Age of Rock



GENERALIZED GEOELECTRIC STRUCTURE
(Constrained with MT, TDEM and Gravity)

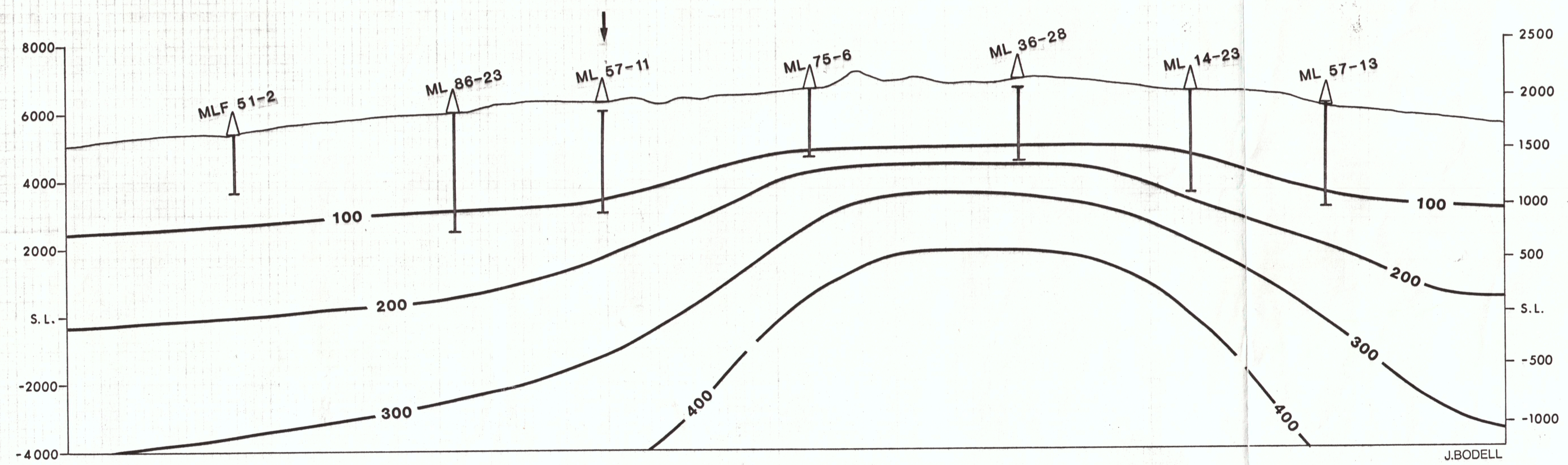
LAYER

- I HIGH RESISTIVITY (> 1000 ohm-m)
- II MODERATE RESISTIVITY (< 1000 ohm-m)
- III LOW RESISTIVITY (< 40 ohm-m)
- IV MODERATE RESISTIVITY (> 100 ohm-m)

AREA OF ANOMALOUSLY SHALLOW LOW RESISTIVITIES

- RESISTIVITIES < 10 ohm-m
- RESISTIVITIES BETWEEN 20 and 40 ohm-m

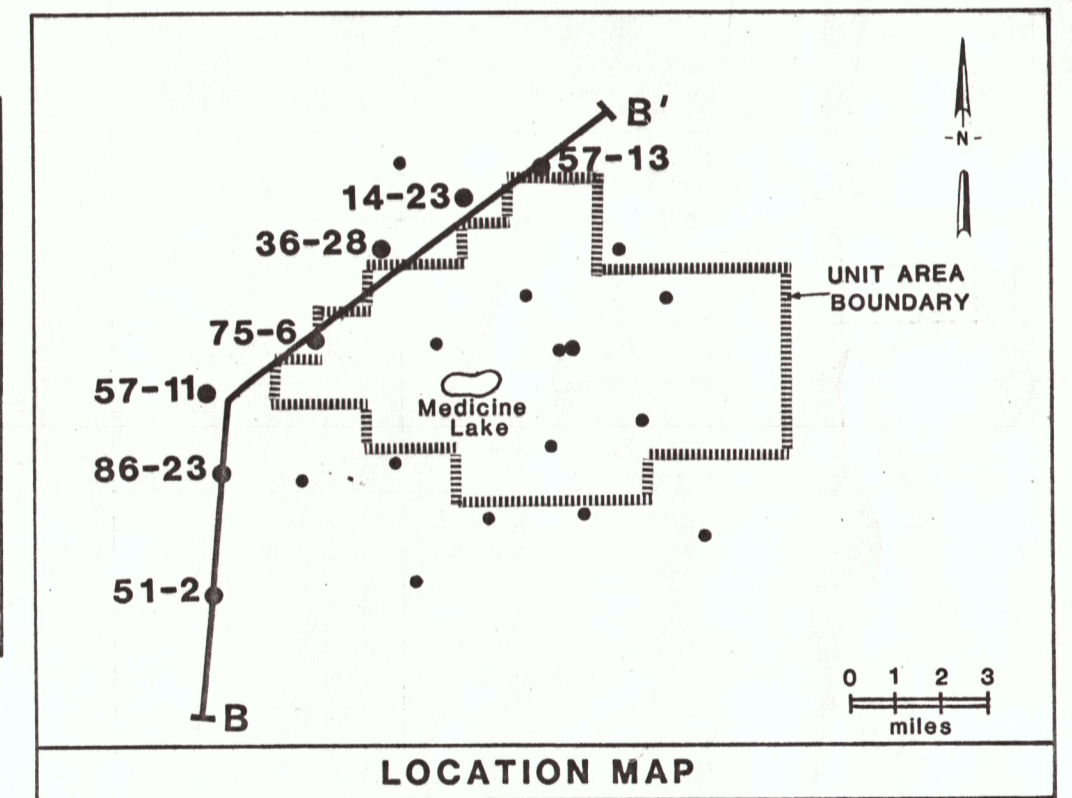
▼ : MT SITES C: CGG-82 W: WCC-80 □ TDEM SITES



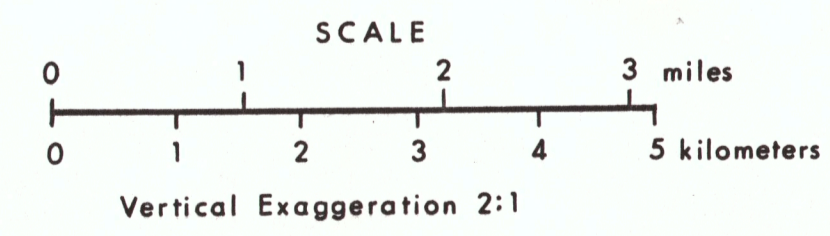
GENERALIZED THERMAL STRUCTURE

Isotherms °F

- Assumed Regional Heat Flow 100 mWm^{-2}
- Averaged Thermal Conductivity $1.9 \text{ Wm}^{-1} \text{ K}^{-1}$
- Averaged Heat Production $0.8 \mu \text{ Wm}^{-3}$



8 7 6 5 4 3 2 1



UNION 76		UNION OIL COMPANY - GEOTHERMAL DIVISION	
SANTA ROSA DISTRICT		MEDICINE LAKE - GLASS MOUNTAIN UNIT	
DESIGN ASJ	GEOLOGIC, GEOELECTRIC, AND THERMAL		
DRAWN	CROSS-SECTION LINE B-B'		
CHECK	SIZE AFE NO.	DWG NO.	PLATE 8
DATE	SCALE	GM 11.00M Box 1 B4	SHEET